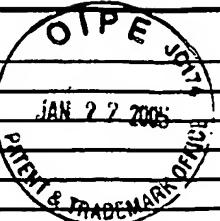


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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	12	Attorney Docket Number	09140-0030-00000
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**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
VAMS		US 2001/0027159 A1	Oct. 4, 2001	Kaneyoshi	
		US 2002/0033330 A1	Mar. 21, 2002	Demaray et al.	
		US 2002/0106297 A1	Aug. 8, 2002	Ueno et al.	
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		US 2003/0079838 A1	May 1, 2003	Brcka	
		US 2003/0097858 A1	May 29, 2003	Strohhofer et al.	
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		US 2003/0134054 A1	Jul. 17, 2003	Demaray et al.	
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		US 2004/0105644 A1	Jun. 3, 2004	Dawes	
		US 2004/0259305 A1	Dec. 23, 2004	Demaray et al.	
		US 2005/0000749 A1	Jan. 6, 2005	Demaray et al.	
		US 3,616,403	Oct. 26, 1971	Collins et al.	
		US 3,850,604	Nov. 26, 1974	Klein	
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		US 4,437,966	Mar. 7, 1981	Hope et al	
		US 4,619,680	Oct. 28, 1986	Nourshargh et al.	
		US 4,915,810	Apr. 10, 1990	Kestigian et al.	
		US 4,978,437	Dec. 18, 1990	Wirz	
		US 5,085,904	Feb. 4, 1992	Deak et al.	
		US 5,107,538	Apr. 21, 1992	Benton et al.	
		US 5,119,460	Jun. 2, 1992	Bruce et al.	
		US 5,174,876	Dec. 29, 1992	Buchal et al.	

Examiner Signature

Victor A. Mandala Jr.

Date Considered

11-16-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

				<b>Complete if Known</b>	
				<i>Application Number</i>	10/789,953
				<i>Filing Date</i>	February 26, 2004
				<i>First Named Inventor</i>	NARASIMHAN et al.
				<i>Art Unit</i>	2811
				<i>Examiner Name</i>	Not Yet Assigned
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**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

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VAND		US 5,196,041	Mar. 23, 1993	Tumminelli et al.	
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		US 5,303,319	Apr. 12, 1994	Ford et al.	
		US 5,306,569	Apr. 26, 1994	Hiraki	
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		US 5,381,262	Jan. 10, 1995	Arima et al.	
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		US 5,483,613	Jan. 9, 1996	Bruce et al.	
		US 5,499,207	Mar. 12, 1996	Miki et al.	
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		US 5,563,979	Oct. 8, 1996	Bruce et al.	
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		US 5,591,520	Jan. 7, 1997	Migliorini et al.	
		US 5,603,816	Feb. 18, 1997	Demaray et al.	
		US 5,607,560	Mar. 4, 1997	Hirabayashi et al	
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VAMS		US 5,731,661	Mar. 24, 1998	So et al.	
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Examiner Signature

Victor A. Mandala Jr.

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Application Number</b>	10/789,953
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				<b>Examiner Name</b>	Not Yet Assigned
				<b>Attorney Docket Number</b>	09140-0030-00000
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## **U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
VAMS		US 6,057,557	May 2, 2000	Ichikawa	
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		US 6,290,822 B1	Sep. 18, 2001	Fleming et al.	
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		US 6,344,419 B1	Feb. 5, 2002	Forster et al.	
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		US 6,365,319 B1	Apr. 2, 2002	Heath et al.	
		US 6,409,965 B1	Jun. 25, 2002	Nagate et al.	
		US 6,413,382 B1	Jul. 2, 2002	Wang et al.	

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				<i>Attorney Docket Number</i>	09140-0030-00000
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VAMS		US 6,413,645 B1	Jul. 2, 2002	Graff et al.	
		US 6,416,598 B1	Jul. 9, 2002	Sircar	
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		US 6,444,750 B1	Sep. 3, 2002	Touhsaent	
		US 6,488,822 B1	Dec. 3, 2002	Moslehi	
		US 6,506,289 B1	Jan. 14, 2003	Demaray et al.	
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**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
VAMS		EP 0 510 883 A2	10/28/1992	AT&T		
		EP 0 820 088 A2	01/21/1998	Applied Komatsu Technology, Inc.		
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		EP 1 189 080 A2	03/20/2002	Agere Systems Optoelectronics Guardian Corporation		
		JP 02-054765 A2	02/23/1990	Leybold AG		Abstract
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↓		WO 96/23085 A1	08/01/1996	Applied Komatsu Technology, Inc.		

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Victor A. Mandala 9

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Sheet	6	of	12	Application Number	10/789,953
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				First Named Inventor	NARASIMHAN et al.
				Art Unit	2811
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	09140-0030-00000

<b>FOREIGN PATENT DOCUMENTS</b>				
VAMS	WO 97/35044 A1	09/25/1997	Material Research Corporation	
1	WO 00/21898 A1	04/01/2000	Samsung Electronics Co., Ltd.	
	WO 00/22742 A2	04/01/2000	Fiver Laboratories	
	WO 00/36665 A1	06/22/2000	Battelle Memorial Institute	
	WO 02/12932 A2	02/14/2002	Symmorphix, Inc.	
	WO 2004/021532 A1	Mar. 11, 2004	Symmorphix, Inc.	
↓	WO 2004/077519 A2	Sep. 10, 2004	Narasimhan et al.	

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation <sup>2</sup>
VAMS		AFFINITO et al., "PML/oxide/PML Barrier Layer Performance Differences Arising from Use of UV or Electron Beam Polymerization of the PML Layers," <i>Thin Solid Films</i> , Vol. 308-309, pp. 19-25 (1997).		
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Examiner Signature: *Victor A. Mandala* 9 Date Considered: *VAMS 11-16-05*

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Sheet	7	of	12	Application Number	10/789,953
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**NON PATENT LITERATURE DOCUMENTS**

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VAMS		CHEN et al. "Development of Supported Bifunctional Electrocatalysts for Unitized Regenerative Fuel Cells," <i>Journal of the Electrochemical Society</i> , 149(8), A1092-99, (2002).	
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Examiner Signature

Victor A. Mandala

Date Considered

VAMS 11-16-05

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
(Use as many sheets as necessary)				<i>Application Number</i>	10/789,953
				<i>Filing Date</i>	February 26, 2004
				<i>First Named Inventor</i>	NARASIMHAN et al.
				<i>Art Unit</i>	2811
				<i>Examiner Name</i>	Not Yet Assigned
Sheet	8	of	12	<i>Attorney Docket Number</i>	09140-0030-00000

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
VAMS		HORST et al., "Compact, Tunable Optical Devices in Silicon-Oxynitride Wave Guide Technology," IBM Research Division, 3 pages (1999).	
/		HUBNER, J. and Guldberg-Kjaer, S., "Planar Er-and Yb-Doped Amplifiers and Lasers," COM Technical University of Denmark, 10.sup.th European Conf. On Integrated Optics, Session WeB2, pp. 71-74 (2001).	
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Examiner Signature

Victor A. Mandala

Date Considered

11-16-05

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Sheet	9	of	12	Application Number	10/789,953
				Filing Date	February 26, 2004
				First Named Inventor	NARASIMHAN et al.
				Art Unit	2811
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	09140-0030-00000

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VAMS		LAPORTA et al, "Diode-pumped cw bulk Er: Yb: glass laser", 1952 Optics Letters/Vol. 16, No. 24/Dec. 15, 6 pages (1991).	
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Examiner Signature	<i>Victor A. Mandala</i>	Date Considered	11-16-05
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Sheet	10	of	12	<i>Application Number</i>	10/789,953
				<i>Filing Date</i>	February 26, 2004
				<i>First Named Inventor</i>	NARASIMHAN et al.
				<i>Art Unit</i>	2811
				<i>Examiner Name</i>	Not Yet Assigned
				<i>Attorney Docket Number</i>	09140-0030-00000

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VAMS		PETERS et al., "Formation mechanism of silver nanocrystals made by ion irradiation of Na <sup>+</sup> --Ag <sup>+</sup> ion-exchanged sodalime silicate glass", Nuclear Instruments and Methods in Physics Research B 168, pp. 237-244 (2000).	
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*Victor A. Mandala Jr.*

Date Considered

11-16-05

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Sheet	11	of	12	Application Number	10/789,953
				Filing Date	February 26, 2004
				First Named Inventor	NARASIMHAN et al.
				Art Unit	2811
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	09140-0030-00000

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VAMS		TREICHEL et al., "The influence of pulsed magnetron sputtering on topography and crystallinity of TiO <sub>2</sub> films on glass," <i>Space and Coatings Technology</i> , Vol. 123, pp. 268-272 (2000).	
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		VILLEGRAS et al, "Optical spectroscopy of a soda lime glass exchanged with silver", <i>Physics and Chemistry of Glasses</i> 37(6), pp. 248-253 (1996).	
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		Office Action issued on September 27, 2004 in U.S. Serial No. 10/291,179 (Attorney Docket No. 09140-0001-00).	
		Office Action issued on November 28, 2001 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).	
		Response to Office Action filed on February 20, 2002 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).	
		Office Action issued on April 17, 2002 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).	
		Response to Office Action filed on July 17, 2002 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).	
		Office Action issued on May 2, 2002 in U.S. Patent No. 6,533,907 (Attorney Docket No. 09140-0004-00).	
		Response to Office Action filed on September 3, 2002 in U.S. Patent No. 6,533,907 (Attorney Docket No. 09140-0004-00).	
		Office Action issued on February 12, 2004 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
✓		Response to Office Action filed on August 10, 2004 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	

Examiner Signature

*Victor A. Mandala Jr.*

Date Considered

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				<i>First Named Inventor</i>	NARASIMHAN et al.
				<i>Art Unit</i>	2811
				<i>Examiner Name</i>	Not Yet Assigned
Sheet	12	of	12	<i>Attorney Docket Number</i>	09140-0030-00000

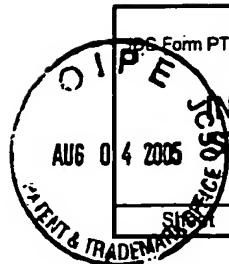
**NON PATENT LITERATURE DOCUMENTS**

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NAMS		Office Action issued on September 10, 2004 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
		Office Action issued on February 24, 2004 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Response to Office Action filed on July 23, 2004 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Office Action issued on October 6, 2004 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Office Action issued on October 22, 2003 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Response to Office Action filed on February 23, 2004 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Office Action issued on June 10, 2004 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Response to Office Action filed on December 08, 2004 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		International Search Report issued on November 21, 2003 in PCT/US03/24809 (Attorney Docket No. 09140-0025-00).	
		International Search Report issued on October 11, 2004 in PCT/US2004/005531 (Attorney Docket No. 09140-0030-00)	
		Written Opinion issued on October 11, 2004 in PCT/US2004/005531 (Attorney Docket No. 09140-0030-00)	

Examiner Signature	<i>Victor A. Mondragon</i>	Date Considered	11-16-05
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PTO Form PTO/SB/08: Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(Use as many sheets as necessary)</small>				<b>Complete If Known</b>	
<b>AUG 04 2005</b> <small>SEARCHED</small> <small>SERIALIZED</small>	1	of	3	Application Number	10/789,953
				Filing Date	February 26, 2004
				First Named Inventor	NARASIMHAN, Mukundan
				Art Unit	2826
				Examiner Name	FORDE, Remmon R.
			Attorney Docket Number	9140.0030-00	

<b>U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
VAMS		US 2004/0077161	04-22-2004	Chen et al.	
		US 2003/0174391 A1	09-18-2003	Pan et al.	
		US 2003/0174391 A1	09-18-2003	Pan et al.	
		US 2003/0141186 A1	07-31-2003	Wang et al.	
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		US 6,827,826	12-07-2004	Demaray et al.	
		US 6,750,156 B2	06-15-2004	Le et al.	
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		US 6,232,242	05-15-2001	Hata et al.	
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		US 4,587,225	05-06-1986	Tsukuma et al.	
↓		RE 32,449	06-30-1987	Claussen	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
VAMS		EP 1 092 689 A1	04-18-2001	BPS Alzenau GmbH	
		EP 1 068 899 A1	01-17-2001	Nippon Sheet Glass Co., Ltd.	
		EP 0 639 655 A1	02-22-1995	Asahi Glass Co, Ltd.	
		EP 0 652 308 A2	10-13-1994	Mega Chips Corp.	
↓		JP 7-233469	09-05-1995	Asahi Glass Co, Ltd.	

Examiner Signature	<i>Victor F. Mandala Jr.</i>	Date Considered	11-16-05
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				Filing Date	February 26, 2004
				First Named Inventor	NARASIMHAN, Mukundan
				Art Unit	2826
				Examiner Name	FORDE, Remmon R.
				Attorney Docket Number	9140.0030-00

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VAMS		Crowder, et al., "Low-Temperature Single-Crystal Si TFT's Fabricated on Si Films Processed via Sequential Lateral Solidification," IEEE, vol. 19, no. 8 (August 1998), pages 306-308.		
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		Response to Office Action filed on March 14, 2005 in U.S. Serial No. 10/291,179 (Attorney Docket No. 09140-0001-00).		
		Office Action issued on June 15, 2005 in U.S. Serial No. 10/291,179 (Attorney Docket No. 09140-0001-00).		
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		Office Action issued on March 17, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).		
		Response to Office Action filed on June 17, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).		
		Office Action issued on July 8, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).		
		Office Action issued on May 14, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).		
		Response to Office Action filed on August 14, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).		
		Office Action issued on September 3, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).		
		Response to Office Action filed on March 3, 2004 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).		

Examiner Signature	<i>Victor A. Mandala Jr.</i>	Date Considered	11-16-05
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Sheet	3	of	3	<i>Application Number</i>	10/789,953
				<i>Filing Date</i>	February 26, 2004
				<i>First Named Inventor</i>	NARASIMHAN, Mukundan
				<i>Art Unit</i>	2826
				<i>Examiner Name</i>	FORDE, Remmon R.
				<i>Attorney Docket Number</i>	9140.0030-00

<b>NON PATENT LITERATURE DOCUMENTS</b>		
VAMS	Office Action issued January 13, 2005 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
	Response to Office Action filed on June 10, 2005 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
	Office Action issued on March 25, 2005 in U.S. Serial No. 10/954,182 (Attorney Docket No. 09140-0016-01).	
	Office Action issued May 4, 2004 in U.S. Application No. 10/101,493 (Attorney Docket No. 09140.0021-00).	
✓	Office Action issued March 25, 2005 in U.S. Application No. 10/851,452 (Attorney Docket No. 09140.0033-00).	

Examiner Signature	<i>Victor de Mandala g</i>	Date Considered	11-16-05
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

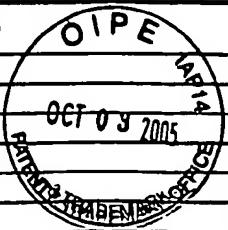
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of

1

*Complete if Known*

Application Number	10/789,953
Filing Date	February 26, 2004
First Named Inventor	NARASIMHAN
Art Unit	2826
Examiner Name	MANDALA, Victor



Attorney Docket Number

9140.0030-00

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
VAMS		5,478,456	12-26-1995	Humpal et al.	
VAMS		6,846,765 B2	01-25-2005	Imamura et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
VAMS		DOREY, R.A., "Low temperature micromoulding of functional ceramic devices," Grant summary for GR/S84156/01 for the UK Engineering and Physical Sciences Research Council, 2 pages (2004).	
↓		HOWSON, R.P., "The reactive sputtering of oxides and nitrides," <i>Pure &amp; Appl. Chem.</i> 66(6):1311-1318 (1994).	
↓		Office Action issued on August 4, 2005, in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
↓		Office Action issued on August 8, 2005 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	

**EXPRESS MAIL LABEL NO.**  
**EV 708642543 US**

Examiner Signature	<i>Victor A. Mandala</i>	Date Considered	11-16-05
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